

HALEAKALA NATIONAL PARK PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by **Haleakala National Park**. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

Crater District:

1. An inductive loop traffic counter is located on the entrance lane to the park on Haleakala Highway. The traffic count is reduced for nonrecreation vehicles (800 per month), nonreportable vehicles (550 per month), and buses (to determine the number of buses, divide the paying and nonpaying bus visitors by 23 (average persons per bus)). The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier of 2.7.
2. The number of paying bus visitors is determined from SF-215 deposits from commercial bus operators.
3. The number of paying bus visitors is multiplied by 0.20 to estimate the number of golden age visitors (non-paying) and the number of tour bus visitors entering after the station is closed.

Kipahulu District:

4. An inductive loop traffic counter is located on Highway 31 covering both lanes. The traffic count is divided by 1.9 to reduce for duplicate counting (this takes into account 4 wheel drive vehicles that cross the counter only once). The reduced traffic count is reduced for nonrecreation vehicles (620 per month), nonreportable vehicles (200 per month), and tour vans. The reduced traffic count is multiplied by the PPV multiplier (2.7).
5. The estimated count of tour vans as reported by park rangers is multiplied by the persons-per-van multiplier of 10.

Nonrecreation Visits

Crater District:

1. The number of nonrecreation vehicles (800 per month) is multiplied by the nonrecreation PPV multiplier of 2.1.

Kipahulu District:

2. The number of nonrecreation vehicles (620 per month) is multiplied by the nonrecreation PPV multiplier of 1.2.

Recreation Visitor Hours

Recreation visitor hours are the sum of the subtotals of each of the categories listed in Table 1. Each subtotal is the results of multiplying the number of visitors associated with that category by its length-of-stay multiplier.

Table 1.
Average Length of Stay Multipliers by Category

Both Districts	AVERAGE LENGTH-OF-STAY
Day Use	2 Hours
Overnight Use	24 Hours per overnight stay

Nonrecreation Visitor Hours

The number of nonrecreation visitors is multiplied by 1.0 hour for Crater District and 10 minutes (0.166) for Kipahulu District.

Overnight Stays

NPS Campgrounds - Hosmer Grove Campground, O'heo Campground
The actual count of persons staying overnight as reported by park ranger observations.

NPS Backcountry - All locations
The number of nights stayed by backpackers and horse campers.

NPS Miscellaneous - Holua Cabin, Kapalaoa Cabin, Paliku Cabin
The number of nights stayed by cabin users.

Special Use Data

Line a. The number of O'heo interpretive hikes
Line b. The number of O'heo hikers
Line c. The number of vehicles at Kipahulu District
Line d. The number of vehicles at Crater District
Line e. The number of tour vans at Kipahulu District
Line n. The number of tour buses (The number of tour buses is estimated by dividing the paying bus visitors and golden age visitors by 23).